Bang&Olufsen

Beocenter 2300

Type 2611, 2612, 2613, 2614,
2615, 2616, 2617, 2618,
2619, 2620

Indklæbes i Serviceanvisningen Beosystem 2500 (3538775)
Paste into Service Manual Beosystem 2500 (3538775)
In Serviceanleitung Beosystem 2500 (3538776) einkleben
A coller le Manual d'entretien pour Beosystem 2500 (3538776)

3538787

6-91

Beocenter 2300

Type 2611, 2612 2613, 2614,
2615, 2616, 2617, 2618,
2619, 2620

SERVICE ANVISNING
SERVICE MANUAL
SERVICEANLEITUNG
MANUAL d'ENTRETIEN

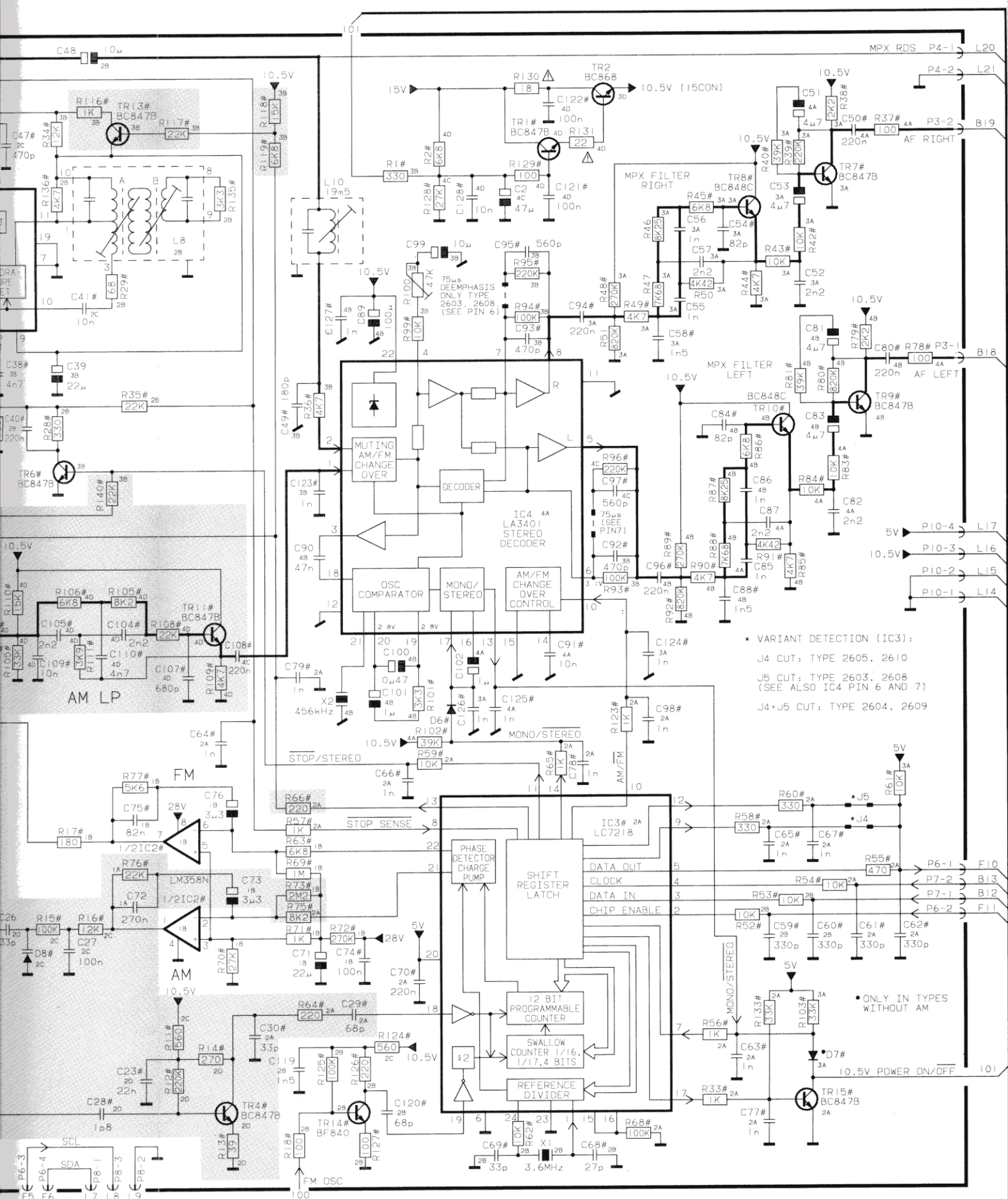

MPX RDS P4-1 L20
P4-2 L21
P3-2 B19 AF RIGHT
P3-1 B18 AF LEFT
MPX FILTER RIGHT
MPX FILTER LEFT
IC4 LA3401 STEREO DECODER
MUTING AM/FM CHANGE OVER
DECODER
OSC COMPARATOR
MONO/ STEREO
AM/FM CHANGE OVER CONTROL
75µs DEEMPHASIS ONLY TYPE 2603, 2608, (SEE PIN 6)
75µs (SEE PIN7)
* VARIANT DETECTION (IC3):
J4 CUT: TYPE 2605, 2610
J5 CUT: TYPE 2603, 2608 (SEE ALSO IC4 PIN 6 AND 7)
J4+J5 CUT: TYPE 2604, 2609
IC3# 2A LC7218
PHASE DETECTOR CHARGE PUMP
SHIFT REGISTER LATCH
12 BIT PROGRAMMABLE COUNTER
SWALLOW COUNTER 1/16, 1/17, 4 BITS
REFERENCE DIVIDER
÷2
DATA OUT
CLOCK
DATA IN
CHIP ENABLE
STOP/STEREO
STOP SENSE
MONO/STEREO
AM/FM
FM
AM
AM LP
LM358N
1/2IC2
1/2IC2
X2 456kHz
X1 3.6MHz
FM OSC
SCL
SDA
10.5V POWER ON/OFF
• ONLY IN TYPES WITHOUT AM
TR1# BC847B
TR2 BC868
TR4# BC847B
TR6# BC847B
TR7# BC847B
TR8# BC848C
TR9# BC847B
TR10# BC848C
TR11# BC847B
TR13# BC847B
TR14# BF840
TR15# BC847B
D6#
D7#
D8#

DIAGRAM A FM/AM, RF, IF decoder

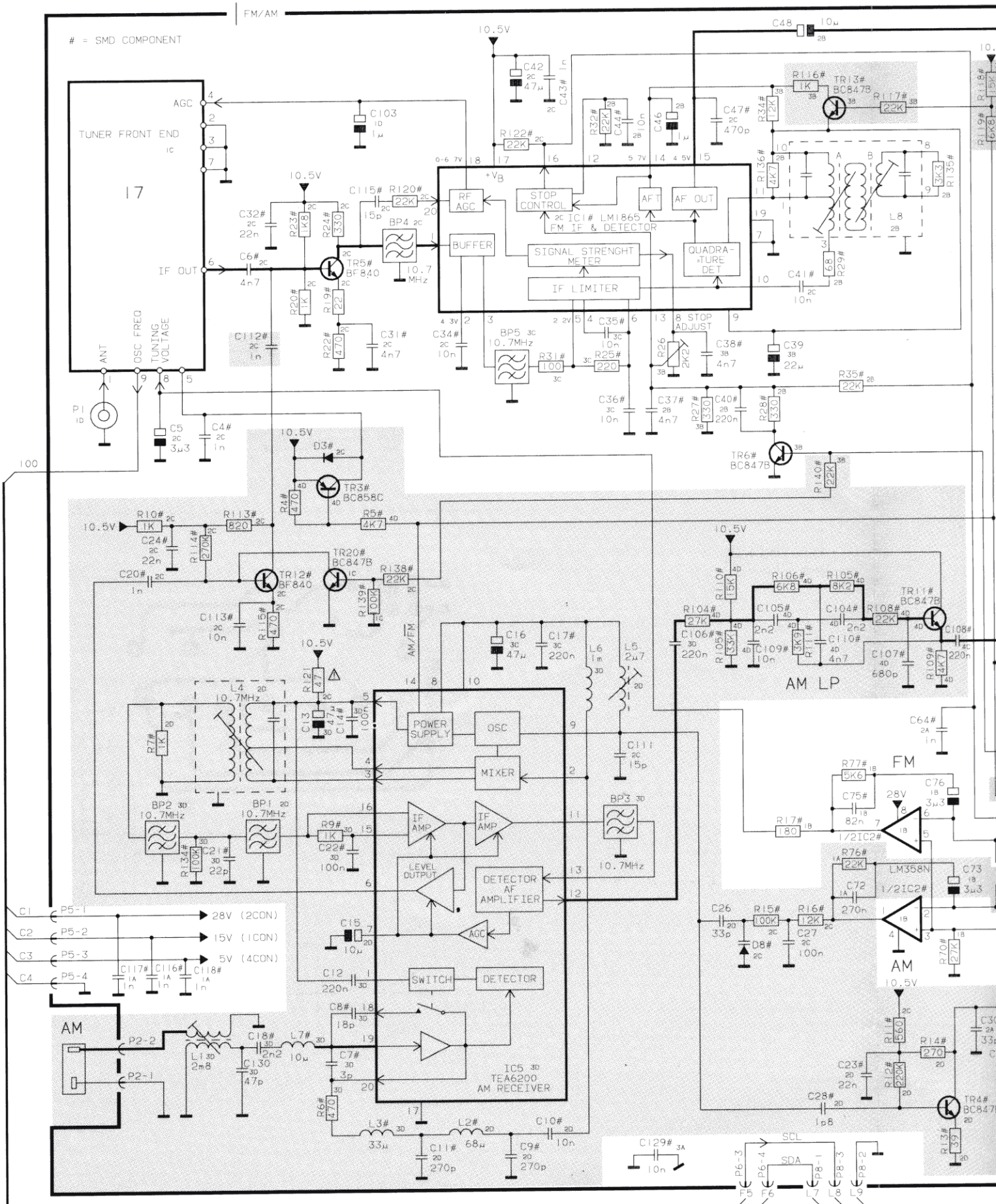
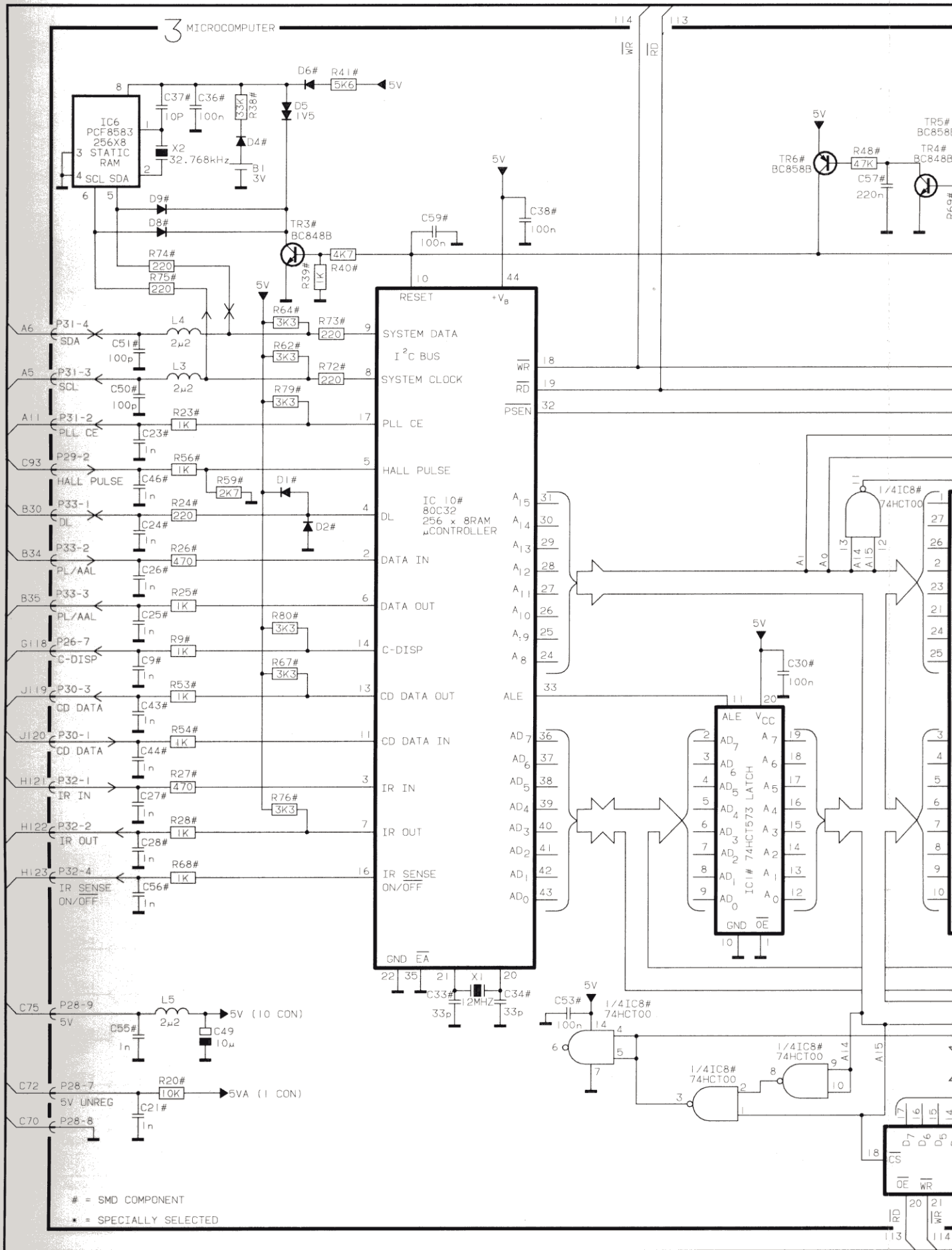
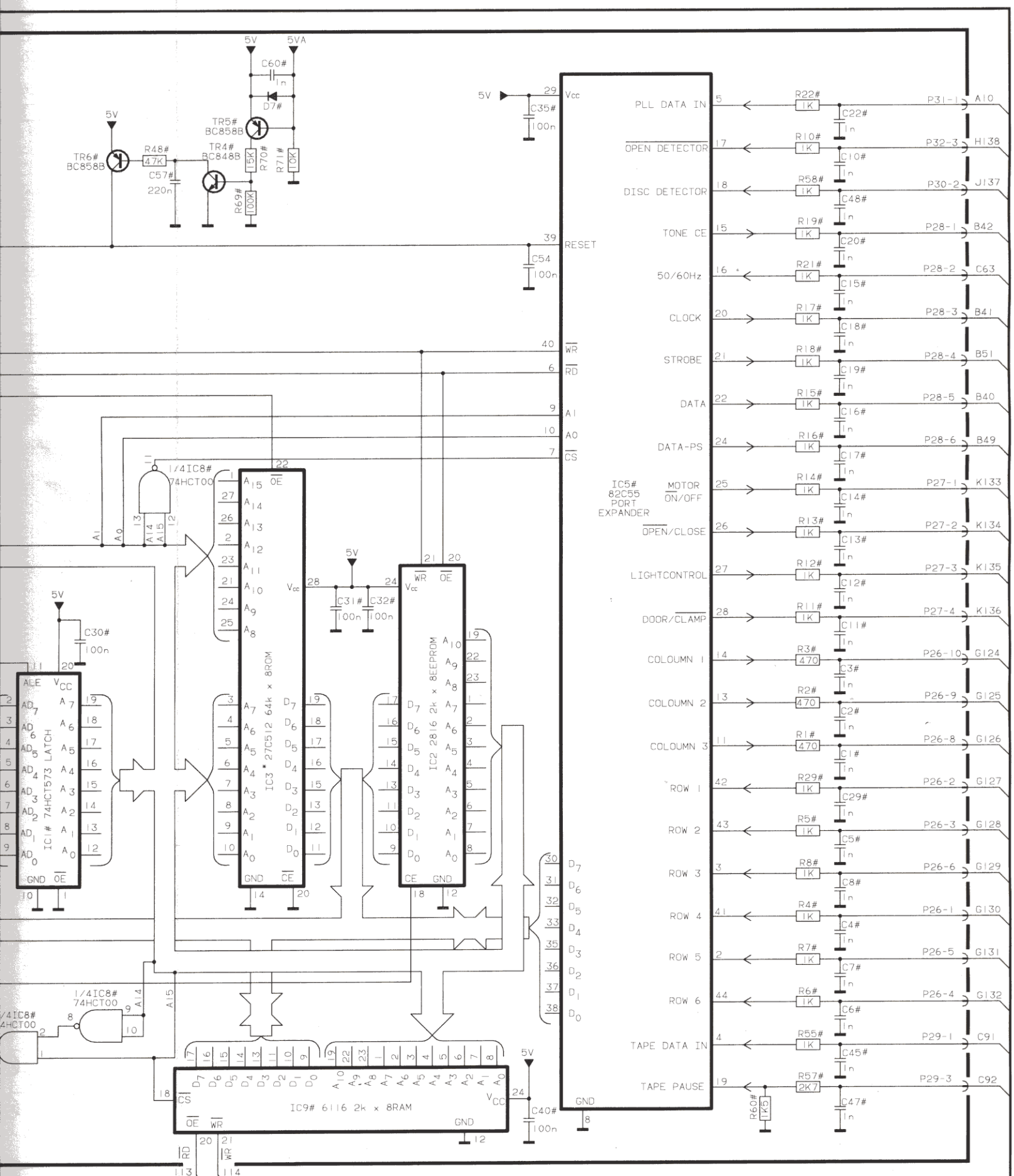


DIAGRAM F MICROCOMPUTER




5V
5VA
C60# 1n
D7#
TR5# BC858B
TR6# BC858B
R48# 47K
TR4# BC848B
C57# 220n
R69# 100K
R70# 15K
R71# 10K
5V
C35# 100n
Vcc
RESET
C54 100n
WR
RD
A1
A0
CS
IC5# 82C55 PORT EXPANDER
PLL DATA IN
OPEN DETECTOR
DISC DETECTOR
TONE CE
50/60Hz
CLOCK
STROBE
DATA
DATA-PS
MOTOR ON/OFF
OPEN/CLOSE
LIGHTCONTROL
DOOR/CLAMP
COLOUMN 1
COLOUMN 2
COLOUMN 3
ROW 1
ROW 2
ROW 3
ROW 4
ROW 5
ROW 6
TAPE DATA IN
TAPE PAUSE
GND
R22# 1K
R10# 1K
R58# 1K
R19# 1K
R21# 1K
R17# 1K
R18# 1K
R15# 1K
R16# 1K
R14# 1K
R13# 1K
R12# 1K
R11# 1K
R3# 470
R2# 470
R1# 470
R29# 1K
R5# 1K
R8# 1K
R4# 1K
R7# 1K
R6# 1K
R55# 1K
R57# 2K7
R60# 1K5
C22# 1n
C10# 1n
C48# 1n
C20# 1n
C15# 1n
C18# 1n
C19# 1n
C16# 1n
C17# 1n
C14# 1n
C13# 1n
C12# 1n
C11# 1n
C3# 1n
C2# 1n
C1# 1n
C29# 1n
C5# 1n
C8# 1n
C4# 1n
C7# 1n
C6# 1n
C45# 1n
C47# 1n
P31-1 A10
P32-3 H138
P30-2 J137
P28-1 B42
P28-2 C63
P28-3 B41
P28-4 B51
P28-5 B40
P28-6 B49
P27-1 K133
P27-2 K134
P27-3 K135
P27-4 K136
P26-10 G124
P26-9 G125
P26-8 G126
P26-2 G127
P26-3 G128
P26-6 G129
P26-1 G130
P26-5 G131
P26-4 G132
P29-1 C91
P29-3 C92
1/4IC8# 74HCT00
IC1# 74HCT573 LATCH
IC3 * 27C512 64k x 8ROM
IC2 2816 2k x 8EEPROM
C30# 100n
C31# 100n
C32# 100n
IC9# 6116 2k x 8RAM
C40# 100n

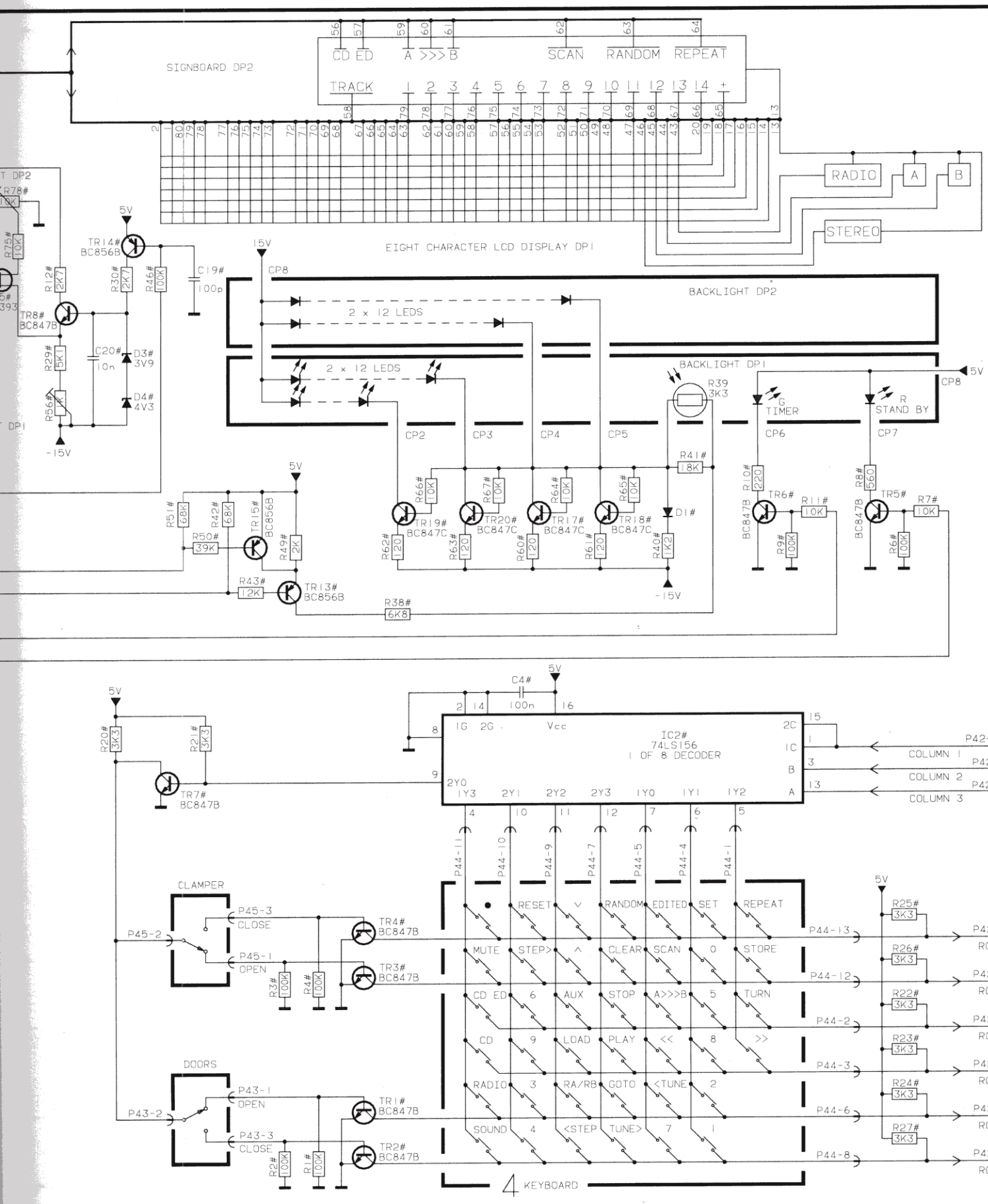

SIGNBOARD DP2
CD ED
A >>> B
SCAN
RANDOM
REPEAT
TRACK
RADIO
A
B
STEREO
EIGHT CHARACTER LCD DISPLAY DP1
BACKLIGHT DP2
2 x 12 LEDS
BACKLIGHT DP1
TIMER
STAND BY
IC2#
74LS156
1 OF 8 DECODER
CLAMPER
DOORS
P45-3
CLOSE
P45-1
OPEN
P43-1
OPEN
P43-3
CLOSE
RESET
MUTE
CD ED
CD
RADIO
SOUND
STEP>
CLEAR
SCAN
STORE
AUX
STOP
TURN
LOAD
PLAY
RA/RB
GOTO
TUNE>
STEP
COLUMN 1
COLUMN 2
COLUMN 3
ROW1
ROW2
ROW3
ROW4
ROW5
ROW6
4 KEYBOARD

DIAGRAM G DISPLAY AND KEYBOARD